



NATIONAL TRANSPORTATION SAFETY BOARD

**Office of Aviation Safety
Western Pacific Region**

MAINTENANCE RECORDS EXCERPTS

**NTSB Accident: WPR17FA013
Accident Date: October 25, 2016**

This document contains 29 embedded images
Images courtesy FAA & Textron Aviation

A. ACCIDENT

Location: Pittsburg, California
Date: October 25, 2016
Aircraft: Beechcraft A-36 'Bonanza', N364RM, Serial # E-2957
NTSB IIC: Michael Huhn

B. SUMMARY

On October 25, 2016, about 1220 Pacific daylight time, a Textron Aviation (Beechcraft) A36 Bonanza, N364RM, was destroyed when it impacted powerlines and terrain in a steep descent shortly after departure from Buchanan Field Airport (CCR), Concord, California. The private pilot/owner and the certificated flight instructor (CFI) received fatal injuries. The personal flight was conducted under the provisions of Title 14 Code of Federal Regulations Part 91. Visual meteorological conditions prevailed.

The airplane struck two high tension powerlines and then the ground. The powerlines were oriented approximately perpendicular to the flight path, and were struck about 300 feet prior to the ground impact point. About 50 fracture-separated sections of the airplane, consisting primarily of empennage and right wing fragments, were scattered below the powerlines, and in the field between the powerlines and the impact site. A post impact fire consumed most of the airplane at the impact site.

The maintenance records were discovered to have been on the airplane for the accident flight. They were ejected clear of the airplane at impact, and were not consumed in the post-impact fire.

C. AIRWORTHINESS DIRECTIVES

The Airworthiness Directives (AD) compliance records for the year of, or the year prior to, the accident were not located. The table below lists the most current data located. The records did not appear to be complete, for undetermined reasons.

Element	Date	Figures	Records Status
Airframe	5/6/06	1 - 5	Complete
Engine	5/6/06	6 - 7	Nearly complete
	5/7/07	9 - 10	Appears complete
Propeller	5/6/06	8	Complete
	5/7/07	10	Appears complete
Multiple	5/17/07	11	Possibly incomplete
	7/20/11	12	Possibly incomplete

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

airframe

Company Reymundo Rodriguez Jr.
Manufacturer BEECH AIRCRAFT CORP.
Model A36
Tail # N364RM
Serial # E2957
Current Time 1662.2
Total Time 1662.2
A/C Cert. Date 6-27-95

70-12-02 06/09/70 CENTER SEAT TRACKS/

Method of Compliance N/A by Aircraft S/N
SB # Date 05-06-06 Hobbs Time: 1662 Next Due N/A
Notes
Signature Reymundo Rodriguez Jr. Cert. # [REDACTED]

71-24-10 08/01/73 SECURITY OF CONTROL WHEEL/

Method of Compliance N/A by Aircraft S/N
SB # Date 05-06-06 Hobbs Time: 1662 Next Due N/A
Notes
Signature Reymundo Rodriguez Jr. Cert. # [REDACTED]

72-11-02 05/20/72 ENGINE FUEL INTERRUPTION/

Method of Compliance N/A by Aircraft S/N
SB # Date 05-06-06 Hobbs Time: 1662 Next Due N/A
Notes
Signature Reymundo Rodriguez Jr. Cert. # [REDACTED]

*72-22-01 10/25/72 LANDING GEAR UPLOCK ROLLERS/

Method of Compliance N/A by Aircraft S/N
SB # Date 05-06-06 Hobbs Time: 1662 Next Due N/A
Notes
Signature Reymundo Rodriguez Jr. Cert. # [REDACTED]

73-14-03 07/06/73 LANDING GEAR SHOCK STRUT PISTON/

Method of Compliance N/A by Aircraft S/N
SB # Date 05-06-06 Hobbs Time: 1662 Next Due N/A
Notes
Signature Reymundo Rodriguez Jr. Cert. # [REDACTED]

74-03-02 02/05/74 LANDING GEAR SHOCK STRUT PISTON/

Method of Compliance N/A by Aircraft S/N
SB # Date 05-06-06 Hobbs Time: 1662 Next Due N/A
Notes
Signature Reymundo Rodriguez Jr. Cert. # [REDACTED]

Prepared by [REDACTED]

Date 5-6-06

* Indicates possible recurring inspections Tdata, Inc (tdatacorp.com) N364RM Page 1 of 9

Figure 1 - AD Compliance May 2006

Airworthiness Directive Compliance Record			
74-12-02	06/05/74	AFT FACING SEATS/	
Method of Compliance	N/A by Aircraft S/N		
SB #	Date	05-06-06 Hobbs Time: 1662	Next Due N/A
Notes			
Signature	Reymundo Rodriguez Jr.		
	Cert. #	[REDACTED]	
74-24-03	11/22/74	PLACARD/ELECTRICAL BONDING OF STROBE LIGHTS/	
Method of Compliance	N/A by Aircraft S/N		
SB #	Date	05-06-06 Hobbs Time: 1662	Next Due N/A
Notes			
Signature	Reymundo Rodriguez Jr.		
	Cert. #	[REDACTED]	
*75-05-02	02/21/75	AIR OIL SEPARATOR/	
Method of Compliance	N/A due to no Beryl air oil separator installed		
SB #	Date	05-06-06 Hobbs Time: 1662	Next Due N/A
Notes			
Signature	Reymundo Rodriguez Jr.		
	Cert. #	[REDACTED]	
76-22-02	06/02/77	"Y" TYPE SHOULDER HARNESS/	
Method of Compliance	N/A due to no Y-Type shoulder harness installed		
SB #	Date	05-06-06 Hobbs Time: 1662	Next Due N/A
Notes			
Signature	Reymundo Rodriguez Jr.		
	Cert. #	[REDACTED]	
79-01-01	01/08/79	ATTACHMENT SCREWS IN FLIGHT CONTROL SYSTEM	
Method of Compliance	N/A by Aircraft S/N		
SB #	Date	05-06-06 Hobbs Time: 1662	Next Due N/A
Notes			
Signature	Reymundo Rodriguez Jr.		
	Cert. #	[REDACTED]	
84-09-01	05/25/84	WINDOW EMERGENCY EGRESS PROVISIONS/	
Method of Compliance	N/A by Aircraft S/N		
SB #	Date	05-06-06 Hobbs Time: 1662	Next Due N/A
Notes			
Signature	Reymundo Rodriguez Jr.		
	Cert. #	[REDACTED]	
87-18-06 R1	02/05/88	SEAT RECLINE ACTUATOR HANDLE/	
Method of Compliance	N/A by Aircraft S/N		
SB #	Date	05-06-06 Hobbs Time: 1662	Next Due N/A
Notes			
Signature	Reymundo Rodriguez Jr.		
	Cert. #	[REDACTED]	
88-20-01	10/19/88	FIREWALL MATERIAL/	
Method of Compliance	N/A by Aircraft S/N		
SB #	Date	05-06-06 Hobbs Time: 1662	Next Due N/A
Notes			
Signature	Reymundo Rodriguez Jr.		
	Cert. #	[REDACTED]	
Prepared by	[REDACTED]		
Date	5-6-06		
* Indicates possible recurring inspections Tdata, Inc (tdatacorp.com) N364RM Page 2 of 9			

Figure 2 - AD Compliance May 2006

Airworthiness Directive Compliance Record			
88-21-02	10/31/88	SEAT TRACKS/	
Method of Compliance	N/A by Aircraft S/N		
SB #	Date	05-06-06 Hobbs Time: 1662	Next Due N/A
Notes			
Signature	Reymundo Rodriguez Jr.		
	Cert. #	[REDACTED]	
90-11-04	06/12/90	SUPERSEDED BY AD 91-23-07/	
Method of Compliance	N/A by Aircraft S/N		
SB #	Date	05-06-06 Hobbs Time: 1662	Next Due N/A
Notes			
Signature	Reymundo Rodriguez Jr.		
	Cert. #	[REDACTED]	
91-17-01	11/25/91	ELEV. TRIM TAB ACTUATORS/	
Method of Compliance	N/A by Aircraft S/N		
SB #	Date	05-06-06 Hobbs Time: 1662	Next Due N/A
Notes			
Signature	Reymundo Rodriguez Jr.		
	Cert. #	[REDACTED]	
91-18-19	10/21/91	PILOT SHOULDER HARNESSSES/	
Method of Compliance	N/A by Aircraft S/N		
SB #	Date	05-06-06 Hobbs Time: 1662	Next Due N/A
Notes			
Signature	Reymundo Rodriguez Jr.		
	Cert. #	[REDACTED]	
91-20-08	10/31/91	FRESH AIR BLOWER HOUSING/	
Method of Compliance	N/A by Aircraft S/N		
SB #	Date	05-06-06 Hobbs Time: 1662	Next Due N/A
Notes			
Signature	Reymundo Rodriguez Jr.		
	Cert. #	[REDACTED]	
91-23-07	12/17/91	SUPERSEDED BY AD 92-15-06/	
Method of Compliance	N/A by Aircraft S/N		
SB #	Date	05-06-06 Hobbs Time: 1662	Next Due N/A
Notes			
Signature	Reymundo Rodriguez Jr.		
	Cert. #	[REDACTED]	
*92-08-07	05/18/92	SUPERSEDED BY AD 95-04-03/	
Method of Compliance	N/A by Aircraft S/N		
SB #	Date	05-06-06 Hobbs Time: 1662	Next Due N/A
Notes			
Signature	Reymundo Rodriguez Jr.		
	Cert. #	[REDACTED]	
Prepared by [REDACTED]			
* Indicates possible recurring inspections			
Tdata, Inc (tdatacorp.com) N364RM Page 3 of 9			

Figure 3 - AD Compliance May 2006

Airworthiness Directive Compliance Record			
92-15-06	08/22/92	SUPERSEDED BY AD 93-24-03/	
Method of Compliance		Date 05-06-06 Hobbs Time: 1662	Next Due N/A
SB #			
Notes			
Signature	Reymundo Rodriguez Jr.	Cert. #	
92-18-11	10/18/92	LANDING GEAR CIRCUIT/	
Method of Compliance	N/A by Aircraft S/N	Date 05-06-06 Hobbs Time: 1662	Next Due N/A
SB #			
Notes			
Signature	Reymundo Rodriguez Jr.	Cert. #	
93-03-02	03/12/93	LORAN RECEIVER SYSTEM/	
Method of Compliance	N/A by Aircraft S/N	Date 05-06-06 Hobbs Time: 1662	Next Due N/A
SB #			
Notes			
Signature	Reymundo Rodriguez Jr.	Cert. #	
*93-24-03	01/21/94	FORWARD RUDDER SPAR/	
Method of Compliance	N/A by Aircraft S/N	Date 05-06-06 Hobbs Time: 1662	Next Due N/A
SB #			
Notes			
Signature	Reymundo Rodriguez Jr.	Cert. #	
*95-04-03	04/07/95	WING FRONT SPAR INSPECTION/	
Method of Compliance	N/A by Aircraft S/N	Date 05-06-06 Hobbs Time: 1662	Next Due N/A
SB #			
Notes			
Signature	Reymundo Rodriguez Jr.	Cert. #	
97-14-15	09/02/97	CABIN SIDE DOOR/	
Method of Compliance	C/W by inspection of cabin door and utility door handle	Date 05-06-06 Hobbs Time: 1662	Next Due N/A
SB #			
Notes			
Signature	Reymundo Rodriguez Jr.	Cert. #	
99-05-13	04/19/99	WITHDRAWN 7-05-2000 - FUEL SELECTOR POSITIONING/	
Method of Compliance		Date 05-06-06 Hobbs Time: 1662	Next Due N/A
SB #			
Notes			
Signature	Reymundo Rodriguez Jr.	Cert. #	
99-09-15	05/18/99	FLIGHT CONTROL COLUMN INTERFERENCE/	
Method of Compliance	P.C.W.	Date 05-06-06 Hobbs Time: 1662	Next Due N/A
SB #			
Notes			
Signature	Reymundo Rodriguez Jr.	Cert. #	
Prepared by		Date	5-6-06
* Indicates possible recurring inspections Tdata, Inc (tdatacorp.com) N364RM Page 4 of 9			

Figure 4 - AD Compliance May 2006

Airworthiness Directive Compliance Record

00-20-14 11/28/00 FIREWALL SEALANT/

Method of Compliance P.C.W.

SB #

Notes

Signature

Reymundo Rodriguez Jr.

Date 05-06-06 Hobbs Time: 1662 Next Due N/A

Cert. # [REDACTED]

00-24-04 01/05/01 MISROUTED RUDDER CONTROL CABLE/

Method of Compliance P.C.W.

SB #

Notes

Signature

Reymundo Rodriguez Jr.

Date 05-06-06 Hobbs Time: 1662 Next Due N/A

Cert. # [REDACTED]

00-26-16 02/16/01 SUPERSEDED BY AD 2003-01-01/

Method of Compliance

SB #

Notes

Signature

Reymundo Rodriguez Jr.

Date 05-06-06 Hobbs Time: 1662 Next Due N/A

Cert. # [REDACTED]

***01-08-08 06/07/01 V-BAND EXHAUST CLAMP/**

Method of Compliance N/A due to no turbo-normalizing system installed

SB #

Notes

Signature

Reymundo Rodriguez Jr.

Date 05-06-06 Hobbs Time: 1662 Next Due N/A

Cert. # [REDACTED]

01-11-03 07/20/01 AVIONICS COOLING BLOWER CIRCUIT/

Method of Compliance C/W by inspection in accordance with A/D

SB #

Notes

Signature

Reymundo Rodriguez Jr.

Date 05-06-06 Hobbs Time: 1662 Next Due N/A

Cert. # [REDACTED]

01-23-10 12/13/01 FLAP FLEX SHAFT ASSEMBLIES AND ACTUATORS/

Method of Compliance C/W by inspection in accordance with A/D

SB #

Notes

Signature

Reymundo Rodriguez Jr.

Date 05-06-06 Hobbs Time: 1662 Next Due N/A

Cert. # [REDACTED]

03-01-01 02/27/03 RIGHT HAND FUSELAGE PANEL RIVETS/

Method of Compliance C/W by inspection in accordance with A/D found all rivets installed

SB #

Notes

Signature

Reymundo Rodriguez Jr.

Date 05-06-06 Hobbs Time: 1662 Next Due N/A

Cert. # [REDACTED]

Prepared by [REDACTED]

* Indicates possible recurring inspections

Date 5-6-06

Tdata, Inc (tdatacorp.com) N364RM Page 5 of 9

Figure 5 - AD Compliance May 2006

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

Company Reymundo Rodriguez Jr.
 Manufacturer TELEDYNE CONTINENTAL MOTORS
 Model IO-550-B
 Location Front
 Serial # 682209
 TSMOH 1773
 Total Time 1773

engine

***86-13-04 R3** 02/24/88 CYLINDER BARREL CRACKING/

Method of Compliance N/A

SB #

Notes

Signature

Reymundo Rodriguez Jr.

Date 05-06-06 Hobbs Time: 1662 Next Due N/A

Cert. #

87-14-02 10/05/87 STARTER ADAPTER SHAFTS/

Method of Compliance N/A

SB #

Notes

Signature

Reymundo Rodriguez Jr.

Date 05-06-06 Hobbs Time: 1662 Next Due N/A

Cert. #

88-03-06 04/15/88 TCM PRO-TECH OIL FILTER/

Method of Compliance N/A

SB #

Notes

Signature

Reymundo Rodriguez Jr.

Date 05-06-06 Hobbs Time: 1662 Next Due N/A

Cert. #

88-17-03 08/10/88 STARTER ADAPTER DRIVE SHAFT/

Method of Compliance N/A

SB #

Notes

Signature

Reymundo Rodriguez Jr.

Date 05-06-06 Hobbs Time: 1662 Next Due N/A

Cert. #

91-19-03 09/29/91 ENGINE OIL FILTER/

Method of Compliance N/A

SB #

Notes

Signature

Reymundo Rodriguez Jr.

Date 05-06-06 Hobbs Time: 1662 Next Due N/A

Cert. #

93-08-17 08/23/93 OIL PICK-UP TUBE INSPECTION/

Method of Compliance NA

SB #

Notes

Signature

Reymundo Rodriguez Jr.

Date 05-06-06 Hobbs Time: 1662 Next Due N/A

Cert. #

Prepared by

Date 5-6-06

* Indicates possible recurring inspections Tdata, Inc (tdatacorp.com) N364RM Page 6 of 9

Figure 6 - AD Compliance May 2006

Airworthiness Directive Compliance Record

93-10-02 08/12/93 CYLINDER VALVE RETAINER KEY/
Method of Compliance N/A
SB #
Notes
Signature
Reymundo Rodriguez Jr.
Date 05-06-06 Hobbs Time: 1662 Next Due N/A
Cert. # [REDACTED]

93-16-15 12/14/93 FUEL PUMP DRIVE SHAFT COUPLING/
Method of Compliance N/A
SB #
Notes
Signature
Reymundo Rodriguez Jr.
Date 05-06-06 Hobbs Time: 1662 Next Due N/A
Cert. # [REDACTED]

***94-09-07 07/05/94 SUPERSEDED BY AD 95-03-14/**
Method of Compliance
SB #
Notes
Signature
Reymundo Rodriguez Jr.
Date 05-06-06 Hobbs Time: 1662 Next Due N/A
Cert. # [REDACTED]

94-14-12 06/23/94 SUPERSEDED BY AD 95-21-15/
Method of Compliance
SB #
Notes
Signature
Reymundo Rodriguez Jr.
Date 05-06-06 Hobbs Time: 1662 Next Due N/A
Cert. # [REDACTED]

***95-03-14 03/13/95 INSPECTION OF ENGINE MOUNT BRACKETS/**
Method of Compliance N/A by model and S/N
SB #
Notes
Signature
Reymundo Rodriguez Jr.
Date 05-06-06 Hobbs Time: 1662 Next Due N/A
Cert. # [REDACTED]

95-21-15 11/28/95 ENGINE TEARDOWN AND INSPECTION/
Method of Compliance N/A by engine model
SB #
Notes
Signature
Reymundo Rodriguez Jr.
Date 05-06-06 Hobbs Time: 1662 Next Due N/A
Cert. # [REDACTED]

***96-12-22 07/31/96 OIL FILTER ADAPTER/**
Method of Compliance N/A by oil filter adapter model
SB #
Notes
Signature
Reymundo Rodriguez Jr.
Date 05-06-06 Hobbs Time: 1662 Next Due N/A
Cert. # [REDACTED]

98-01-08 12/23/97 EXHAUST ROLLER BEARING ROCKER ARMS/
Method of Compliance P.C.W. on 1-28-98
SB #
Notes
Signature
Reymundo Rodriguez Jr.
Date 05-06-06 Hobbs Time: 1662 Next Due N/A
Cert. # [REDACTED]

Prepared by [REDACTED] J.
* Indicates possible recurring inspections
Date 5-6-06
Tdata, Inc (tdatacorp.com) N364RM Page 7 of 9

Figure 7 - AD Compliance May 2006

Airworthiness Directive Compliance Record
AIRCRAFT RECORDS - DO NOT DESTROY

Company Reymundo Rodriguez Jr.
Manufacturer MCCAULEY INDUSTRIAL CORP.
Model D3A32C-400 SERIES
Location Front
Tail # N364RM
Serial # 942113
Blade (1) OI055 (2) OI061 (3) OI070
TSMOH 197
Total Time 1773

propeller

05-14-11 08/17/05 MAINTENANCE AND REPAIR BY SOUTHERN CALIFORNIA PROPELLER SERVICE/

Method of Compliance N/A due to not overhauled by Southern California Propeller Service.
SB # Date 05-06-06 Hobbs Time: 1662 Next Due N/A
Notes
Signature Reymundo Rodriguez Jr. Cert. # [REDACTED]

Prepared by [REDACTED]

Date 5-6-06

* Indicates possible recurring inspections Tdata, Inc (tdatacorp.com) N364RM Page 9 of 9

Figure 8 - AD Compliance May 2006

Applicable Airworthiness Directives

Model: A36, S/N: E-2957, Tail No: N364RM

ID No: 25515

Page No: 1

Date: 05/07/07

AD NUMBER	TYPE*	SUBJECT	Supersedes AD Number	N/A**
		ENGINE(s): IO-350-B		
		PROPELLER(s): D3A320409		
		MAGNETO(s): Bendix 'S' Series		
75-05-02	R	AIR OIL FILTRATOR		
76-02-07	R	PRESTOLITE ALTERNATOR		
76-07-12R1	NR	BENDIX IGNITION SWITCH		
78-05-06R2	R	FUEL CELL LEAKAGE		
82-13-01	R	BENDIX MAGNETO		
84-26-02	R	INDUCTION AIR FILTERS		
86-13-04R3	NR	CONTINENTAL ENGINE		
96-12-22	R	OIL FILTER ADAPTERS		
97-14-15	NM	DOOR HANDLE LOCKING		
97-16-10	N	RAPCO PRESSURE FILTER(S)		
98-01-08	N	CONTINENTAL ENGINE		
98-14-03	N	ALLIEDSIGNAL KT-76A TRANSPONDER		
98-21-21R1	NM	INFLATABLE DOOR SEALS		
98-23-01	NM	VAC. PUMP COUPLING		
99-05-13	N	AD WITHDRAWAL		
99-19-01	N	CONTINENTAL ENGINE	99-09-17	
2000-23-21	NM	TELEDYNE CONTINENTAL ENGINE	2000-08-51	
2000-24-04	NM	CABLE ROUTING ROUTING		
2001-10-09	NM	HONEYWELL KC 225 AFCS		
2001-11-03	NM	BLOWER MOTOR CIRCUIT BREAKER		
2001-23-10	NM	FLAP FLEX SHAFTS		
2003-01-01	NM	MISSING RIVETS		
2003-13-17	NM	T AND W PROPELLER INC.	2000-26-16	
2004-08-10	NM	ECI CYLINDERS		
2005-14-11	NM	SOUTHERN CALIFORNIA PROPELLER SERVICE		
2005-18-20	NR	GOODRICH "FASTPROP" DE-ICERS		
2006-03-08	NM	AERO ADVANTAGE VAC. PUMP		
2006-16-18	NM	SANDEL ST3400 TAWS/RMI		
2006-24-07	NM	OXFORD AVIATION LIMITED		
2007-04-19R1	N	SUPERIOR CYLINDERS		

FAX NO: (631) 765-9359

TEL: (631) 765-9375

TEL: (800) 235-6444

*Type of AD (adlog subscribers—this designation appears in the upper right corner of each ad/afe page):
N—Non-Repetitive. R—Repetitive. NM—Non-Repetitive, but has more than one compliance requirement.
NR—Can be either Repetitive or Non-Repetitive, depending on the method of compliance.

**Not applicable.

Figure 9 - AD Compliance May 2007

AD NOTES COMPLIANCE RECORD

05/17/2007

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature & Number
95-03-02	Brackett air filter gasket	5/12/2007	N/A by Model				
95-04-03	Spar failure	5/12/2007	N/A by S/N	X			
96-09-06	Prevent gasket particles from entering the carburetor	5/12/2007	N/A by Model	X			
2002-26-03	Detect and correct incorrect installation of the air filter	5/12/2007	N/A - not installed	X			
2003-13-17	Detect unsafe conditions that could result in separation of a propeller blade	5/12/2007	N/A By Records check	X			
2005-14-11	Prevent blade failure that could result in separation of a propeller blade	5/12/2007	N/A By Records check	X			
2006-24-07	To detect unsafe conditions that could result in a propeller blade separating from the hub and loss of control of the airplane	5/12/2007	N/A By Records check	X			
2007-08-04	To prevent blade or hub failure that could result in separation of a propeller	5/12/2007	Install placard, Propeller due retirement at 10,000 hrs Total time	X		10,000.0	

Figure 11 - AD Compliance May 2007

AD NOTES COMPLIANCE RECORD

07/20/2011

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature & Number
84-26-02	Paper induction air filters	07/28/2011, 2350.2	Replaced air filter.				John Neal YUUR476B
95-03-02	Brackett air filter gasket	5/12/2007	N/A by Model		X	2150.0	John Neal YUUR476B
95-04-03	Spar failure	5/12/2007	N/A by S/N		X		John Neal YUUR476B
96-09-06	Prevent gasket particles from entering the carburetor	5/12/2007	N/A by Model		X		John Neal YUUR476B
2002-26-03	Detect and correct incorrect installation of the air filter	5/12/2007	N/A - not installed		X		John Neal YUUR476B
2003-13-17	Detect unsafe conditions that could result in separation of a propeller blade	5/12/2007	N/A By Records check		X		John Neal YUUR476B
2005-14-11	Prevent blade failure that could result in separation of a propeller blade	5/12/2007	N/A By Records check		X		John Neal YUUR476B
2006-24-07	To detect unsafe conditions that could result in a propeller blade separating from the hub and loss of control of the airplane	5/12/2007	N/A By Records check		X		John Neal YUUR476B
2007-08-04	To prevent blade or hub failure that could result in separation of a propeller	5/12/2007	Install placard, Propeller due retirement at 10,000 hrs Total time		X		John Neal YUUR476B
2008-13-17	To prevent failure of the circuit breaker toggle switch	06/15/2009, 2152.5	Replaced 9 Switches, In accordance with SB 24-3735.		X	10,000.00	John Neal YUUR476B
2009-16-03	To prevent the separation of the cylinder head	09/09/2009, 2198.3	TCM Cylinders not installed		X		John Neal YUUR476B
2009-19-07	Correction - To prevent loss of engine power due to cracks in the cylinder head, possible engine failure, and fire in the engine compartment	04/30/2010, 02261.6	N/A not installed		X		John Neal YUUR476B
2009-24-52	To address rapid wear on the face of hydraulic lifters	2261.6, 4/30/2010	N/A Date of overhaul		X		John Neal YUUR476B
2009-25-01	To detect and correct an incorrect washer installed in the pilot and copilot shoulder harnesses	7/2/2010, 2270.7	Inspected and found Satisfactory		X		John Neal YUUR476B
2010-11-04	To prevent excessive hydraulic lifter wear	7/2/2010, 2270	N/A date of Overhaul		X		John Neal YUUR476B

Figure 12 - AD Compliance July 2011

D. SELECTED AIRFRAME MAINTENANCE RECORDS

2011 annual

Page No. _____ TOTAL _____ TACH OR _____

Yuba-Sutter Aviation, Inc., Marysville, Ca.

FAA CSR YUUR476B

N364RM s/n E-2057

07/28/2011 Hobbs: 2350.2 TTAF: 2350.2

1. Completed a 100-hour inspection in accordance with Hawker Beechcraft Maintenance Manual.
2. ELT system inspected in accordance with FAR 91.207 (d)1-4. System found satisfactory.
3. Installed new battery, batteries are not available at this time, due to Manufacturing change so we have continued the aircraft in service for 1 month when the batteries are available.
4. Inspected fuel transfer system in accordance with J.L. Osborne Installation Instructions.
5. Inspected and serviced all wheels, brakes and tires. Cleaned and resealed left brake caliper.
6. Landing gear inspected in accordance with Hawker Beechcraft Bonanza Series Maintenance Manual. Performed several gear retractions and emergency gear extension, found satisfactory.
7. Removed and installed four new static wicks p/n DD1W.
8. Installed new taxi light bulb.
9. Installed new air conditioning drive belt.
10. Capacity test battery, tested satisfactory.
11. Replaced all instrument air filters.
12. Found air conditioning system contaminated, recover, purge and service with 134A.
13. Replaced fuel cap o rings, left and right wing.
14. Installed Rosen Sun visors.
15. Replaced left brake disc and lining.
16. Replaced seat duct to heater.

The Aircraft, Engine or component described above was repaired and inspected In Accordance With the current Federal Aviation Administration Regulations and was found to be in an airworthy condition with respect to the work accomplished only. Pertinent details of the repair are on file at this agency under Work Order 5813

John Neal
CHEIF INSPECTER

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition. TT:2350.2 07/28/2011

John Neal
CHEIF INSPECTER

Figure 13 - Annual 2011

Yuba-Sutter Aviation, Inc., Marysville, Ca.



FAA CSR YUUR476B

- 07/26/2012 Hobbs: 2435.1 TTAF: 2435.1 N364RM s/n E-2057
1. Completed a 100-hour inspection in accordance with Hawker Beechcraft Maintenance Manual.
 2. ELT system inspected in accordance with FAR 91.207 (d)1-4. System found satisfactory, Battery due 10/2013
 3. Inspected fuel transfer system in accordance with J.L. Osborne Installation Instructions.
 4. Inspected and serviced all wheels, brakes and tires.
 5. Replaced left main Tire and balance
 6. Landing gear inspected in accordance with Hawker Beechcraft Bonanza Series Maintenance Manual. Performed several gear retractions and emergency gear extension, found satisfactory
 7. Removed and installed 2r new static wicks p/n DD1W on right elevator.
 8. Installed Lord shimmy Damper P/N SE-1076-1 in accordance with Lord Bulletin SM-6523.
 9. Recovered 2.4 lbs 134A replaced expansion valve and serviced system with 2.4 lbs 134A, system operational check satisfactory.
 10. Replaced aircraft battery
 11. Replaced all instrument air filters.
 12. Complied with AD2001-08-08, Amendment 39-121185, paragraph (d) Replaced turbo overboard exhaust clamp with new part in accordance with TATMSB98-1 and Turbo flight maintenance manual.
 13. Cabin heat exchanger was pressure tested.

The Aircraft, Engine or component described above was repaired and inspected in accordance with the current Federal Aviation Administration Regulations and was found to be in an airworthy condition with respect to the work accomplished only. Pertinent details of the repair are on file at this agency under Work Order 6008

John Neal
CHIEF INSPECTER

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition. TT:2435.1 07/26/2012
John Neal
CHIEF INSPECTER

Figure 14 - Annual 2012




DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMED	DESCRIPTION OF WORK PERFORMED
Yuba-Sutter Aviation, Inc., Marysville, Ca. 			FAA CSR YUUR476B	
01/03/2014	Hobbs: 2520.1	TTAF: 2520.1	N364RM s/n E-2057	
1.	Completed a 100-hour inspection in accordance with Hawker Beechcraft Maintenance Manual.			
2.	ELT repaired by Artex, ELT system inspected in accordance with FAR 91.207 (d) 1-4. System found satisfactory, Battery due 4/2016			
3.	Inspected fuel transfer system in accordance with J.L. Osborne Installation Instructions.			
4.	Inspected and serviced all wheels, brakes and tires.			
5.	Replaced Main brake disc.			
6.	Landing gear inspected in accordance with Hawker Beechcraft Bonanza Series Maintenance Manual. Performed several gear retractions and emergency gear extension, found satisfactory.			
7.	Replaced all instrument air filters.			
8.	Engine was removed for repair and reinstalled in accordance with Beechcraft, Continental and Tomado Alley Maintenance and troubleshooting manual.			
9.	Replaced air conditioner hoses from compressor to firewall, replaced receiver dryer, evacuate system, leak check, and serviced system with 2.4 lbs. R134A .			
10.	Serviced Oxygen.			
11.	Replaced Taxi light.			
12.	Installed new instrument air filters.			
13.	Shim and tighten elevator trim tab rods.			
14.	Replaced left nav light.			
15.	Replaced fuel servicing placards.			
16.	Installed new bonding strap on nose gear doors.			
17.	Patched hole in nose gear tunnel top.			
18.	Turbocharge was overhauled.			
19.	Installed overhauled standby generator.			
20.	Battery capacity checked satisfactory.			
The Aircraft, Engine or component described above was repaired and inspected In Accordance With the current Federal Aviation Administration Regulations and was found to be in an airworthy condition with respect to the work accomplished only. Pertinent details of the repair are on file at this agency under Work Order 6184				
John Neal CHIEF INSPECTER			 	
I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition. TT:2520.1 01/03/2014				
John Neal CHIEF INSPECTER			 	

Figure 15 - Annual 2014

MAKE: Beechcraft-Raytheon
MODEL: A-36
S/N: E-2957
REG. NO: 364RM
WORK ORDER: 14597

Mangon Aircraft, Inc.
Petaluma, CA 94954-3908
Phone: [REDACTED]

DATE: 08 August, 2014
A/C TSN: 2538.6
HOBBS: 2538.6

Airframe Entries

Instrument panel profiled to accept JPI USB download port. Installed download port, and wiring harness. Downloaded four (4) runs after engine overhaul. Ops check good.... Governor removed and sent to overhaul. Re-installed overhauled unit in original location. Control rigged for stop to stop operation and safetied. No leaks noted. Ops check good.... Turbo and wastegate removed from aircraft and sent to Approved Turbo Components for IRAN. Hoses cleaned removed all debris contamination from inside hoses. Re-installed turbocharger to index turbine side to exhaust flange. Removed unit to torque turbine side hardware and bend locking tabs. Re-installed turbocharger and wastegate in their original locations. Ground run up performed. No leaks noted. Ops check good.... AC compressor suction fitting threads repaired by running a die over the threads. Installing "O" rings and hoses. Pilot and co-pilot seats removed for access to Receiver/Dryer/Filter. Removed and replaced Receiver/Dryer/Filter as system was open and exposed to moisture contamination. Compressor oil level serviced with 6 oz. of Ester100 oil and system serviced with 2.4 lbs. of 134A freon. No leaks noted. Ops check good.... Engine air filter replaced per continued airworthiness requirement instructions as outlined in Donaldson paper air filter Document #P469075.

DATE: 08 August, 2014
SIGNED: [REDACTED]
Michael Tillman

Work Order: 14597
Printed by EBis 3 (datcomedia.com)

Figure 16 - August 2014 Maintenance

MAKE: Beechcraft-Raytheon
MODEL: A-36
S/N: E-2957
REG. NO: 364RM
WORK ORDER: 14975

Mangon Aircraft, Inc.
Petaluma, CA 94954-3908
Phone: [REDACTED]

DATE: 10 April, 2015
A/C TSN: 2561.4
HOBBS: 2561.4

Airframe Entries


Annual Inspection requirements of, FAR 91.409 (a) (1), completed using Raytheon (Beech) Service Manual 35-590001-9B, Re-Issue 09/29/06 100 hour inspection guide. Landing gear operation 5X times normal and 2X times emergency extend. See following corrected discrepancies.... ELT complied with FAR 91.207 (d), inspection, battery expiration, and impact signal testing. See AC43-13-1B, Sec. 12-22, a. thru f. ELT tested satisfactory. Battery due again 4/2016 and ELT test due again 4/2016.... Vacuum central and relief filters replaced I/A/W Airborne Service Letter 59A.... Engine air filter cleaned 2x per continued airworthiness requirement instructions as outlined in Donaldson paper air filter Document #P469075. (3 years, 5 cleanings or 500 hrs.) Battery complied with Manufacture capacitance check for annual certification. Remove battery, clean, inspect, charge for two hours, perform capacitance test, recharge to specifications, service and install. Battery failed at 61%. Installed new G-242 battery Sn.G02865776. Due again 4/2016.... Lt wing struts wick installed.... Fuel cap seals replaced.... Airworthiness Directive records for all components brought up to date I/A/W FAR 91.417 (a)(2)(v) and main part of this aircraft's records.... Uplock roller clearance Lt. & Rt. main landing gear adjusted to specifications of .010" to .020". Gear swung through 3X times normal operation. Ops check good.... Shimmy dampener forward attach point nut tightened by two castellations and safetied.... Shimmy dampener aft attach point tightened.... Dynamic brake gear down position adjusted to specifications of 5/8-3/4 turn. Gear cycled through 5x times. Function check satisfactory.... Aileron Rt. removed to access hardware for rod end replacement. Removed and replaced rod end. Tightened hardware and re-installed aileron. Travels checked within limits. Function check satisfactory.... Aileron Rt. fairlead bottom removed and replaced. Function check satisfactory.

AIRCRAFT GROUND OPERATED, ALL SYSTEMS CHECKED NORMAL.
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF AN ANNUAL INSPECTION AND WAS DETERMINED TO IN AIRWORTHY CONDITION.

DATE: 10 April, 2015
SIGNED: [REDACTED]
Michael Tillman

Work Order: 14975
Printed by EBis 3 (datcomedia.com)

Figure 17 - Annual 2015

MAKE: Beechcraft-Raytheon MODEL: A-36 S/N: E-2857 REG NO: 364RM WORK ORDER: 15394	 Mangon Aircraft, Inc. [Redacted] Petaluma, CA 94954-3908 Phone: [Redacted]	DATE: 18 May, 2016 A/C TSN: 2625.8 HOBBS: 2625.8
--	---	--

Airframe Entries

Annual inspection requirements of, FAR 91.409 (a) (1), completed using Beechcraft Service Manual 35-590001-B, Reissue, April, 1970, Rev. 35-590001-B15, Dtd. Aug. 28, 1987, 100 hour inspection guide. See following corrected discrepancies.... ELT complied with FAR 91.207 (d), inspection, battery expiration, and impact signal testing. See AC43-13-1B, Sec. 12-22, a. thru f. ELT tested satisfactory. Expired battery replaced. Battery due date is 5/2018 and ELT test due again 5/2017.... Engine air filter cleaned (3rd) per continued airworthiness requirement instructions as outlined in Donaldson paper air filter Document #P469075. (3 years, 5 cleanings or 500 hrs.)... Battery complied with Manufacture capacitance check for annual certification. Removed battery, cleaned, inspected, charged for two hours, performed capacitance test, recharged to specifications, serviced and installed. Battery passed at 93.1%. Due again 5/2017.... Vacuum central and pressure filters replaced I/A/W Airborne Service Letter 59A.... Replaced deteriorating Beechcraft placards on Rt. and Lt. vertical stabilizer with new placards.... Aft cabin door light switched accessed by removal of interior trim. Switch cleaned and lubricated. Cowling Rt. opened for access to fuses. Courtesy light 5A fuse checked satisfactory. No defects noted. Ops checked good.... Landing gear Rt. main wheel assembly removed from aircraft. Disassembled wheel assembly, cleaned and inspected wheel halves, inner tube, bearings and races. Repacked bearings with Aeroshell 22. Replaced inner tube, tire with new and reassembled wheel assembly. Torqued through bolts to 150 in. lbs. Reinstalled assembly onto axle, tightened and safetied. Serviced tire to 40 psi.... Oil line wastegate inlet repositioned to prevent chafing on brake reservoir line.... Exhaust manifold "Y" for turbo accessed by removal of battery box, induction tube crossover, and cabin heat exchanger. Exhaust manifold "Y" for turbo removed from wastegate and turbocharger. Exhaust stack for cylinder 2,4,6 removed and sent to Tornado alley for alignment to exhaust manifold "Y" for turbo. Exhaust manifold "Y" for turbo, wastegate, and exhaust tailpipe reinstalled in original location. TIT probe installed. Exhaust cabin heat exchanger pressure tested and reinstalled in original location. No defects noted. Induction crossover reinstalled in original location with associated fresh air ducts. All induction plenums reinstalled in original location. JPI probes reinstalled in original location and wiring harness secured. Aircraft ground operated. Ops checked good.... Removed Oxygen bottle for Hydrostatic testing. Re-installed hydrostatic bottle into original location and serviced to 1850 psi. Next hydrostatic test due 05/2021.... Gyro warning light pressure switch removed, cleaned and lubricated. re-installed switch in original location. Normally Closed (NC) ring terminal removed and replaced. Ops check good.... A.D. 91-17-01 eff. date 11/25/1991 Raytheon/Beechcraft Elevator trim tab actuator color coding, complied with I/A/W Instructions of Beech Service Bulletin No. 2399, dated March 1991.

AIRCRAFT GROUND OPERATED, ALL SYSTEMS CHECKED NORMAL.
 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 18 May, 2016	SIGNED: [Redacted Signature]	Work Order: 15394
	Michael Tillman, A&P	Printed by EBis 3 (datcomedia.com)

Figure 18 - Most Recent Annual

**STERLING
AVIONICS**

FAA CRS WQ3R954L

WEIGHT AND BALANCE AND EQUIPMENT LIST SUPPLEMENT SHEET

Customer Name: Jim Dwulet
Aircraft Type: Beech
Model: A36
Serial #: E-2957

Date: 3-Aug-12
Registration #: N364RM
Work Order #: 35995

Note: This weight and balance recalculation is accurate only to the extent of the accuracy of the data obtained from the previous weight and balance figures provided by the aircraft owner. Unless otherwise noted, all units of measure are in pounds and inches.

Original Data Dated: 9-Sep-09		WEIGHT	ARM	MOMENT
ITEMS REMOVED:		2717.00	77.71	211141.94
NONE	S/N			
ITEMS INSTALLED:				
ACK A30.5 blind encoder	127334	0.40	52.00	20.80
CHANGE IN DATA:		0.40		20.80
AIRCRAFT NEW EMPTY WEIGHT		2717.40		
AIRCRAFT NEW CENTER OF GRAVITY		77.71		
AIRCRAFT NEW MOMENT		211162.74		
AIRCRAFT NEW USEFUL LOAD		1282.60		
GROSS AIRCRAFT WEIGHT		4000.00		


SIGNED: 
F. Lemon

Figure 19 - Most Recent Weight and Balance

E. SELECTED ENGINE MAINTENANCE RECORDS

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
POWERMASTER AIRCRAFT ENGINES				Page No. _____ Jones/Riverside Airport Tulsa OK 74132 FAA CRS # P46R287Y
Engine [REDACTED] Record				
Engine Make: Continental			Model: IO-520BB/STC/IO-550B	
Serial Number: 820258			PAE Work Order # 13-1101	
Date of Overhaul: 11-1-2013			Total Time: 2520.0 TSMOH-575.5	
<p>Disassembled engine, found cylinder number six piston thermally damaged. Cleaned and inspected. Crankcase NDT inspected, machined and overhauled by Divco on WO# WDC110474. Assembled bottom end of engine using new main bearings. Replaced all seals and gaskets. Replaced rear seal on starter drive unit. Installed new starter drive crankcase pilot bearing. Overhaul cylinders number 1 through 5, cleaned inspected, replaced exhaust guides, ground seats, lapped new exhaust valves to seats, ground intake valves, lapped to seats, assembled valves in heads. Hones barrels to ring finish, fit SA-5000-P05 ring sets to barrels, assembled cylinders on engine, cylinder number 6 replaced with new unit PN-SA55006-A20P, SN-556-C13-764. Installed new piston pins in all cylinders. Completed assembly in accordance with TCM Overhaul Manual X30568A. Installed 12 each Tempest RHB-32E spark plugs. Pre-oiled and test ran engine in test cell, set oil pressure and fuel flows. Drained oil, removed filter, cut filter and examined for contaminants, none found, installed new 48109 filter and safetied. Prepared engine for shipment. Details of this repair are on file at this repair station under Work Order # 13-1101.</p>				
Signature _____				William R. Cunningham FAA CRS #P46R287Y

Figure 20 - 2013 Engine Overhaul




Page No. _____	DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON	
	Yuba-Sutter Aviation, Inc., Marysville, Ca.				age	
	 <div style="background-color: black; width: 200px; height: 20px; display: inline-block;"></div> FAA CSR YUUR476B					
	01/03/2014	Hobbs: 2520.1, TTEng: 4016.8, TSO: 575.5, TSIRAN: 0, S/N 820258-R 1. Reinstalled engine in N364RM in accordance with Hawker Beechcraft Maintenance Manual and Whirlwind System II Maintenance Manual. 2. Serviced with Phillips 20W-50 and AA48109 oil filter. 3. Installed overhauled Turbocharger. 4. Exhaust heat exchanger, inspected, pressure checked and reinstalled. The Aircraft, Engine or component described above was repaired and inspected In Accordance With the current Federal Aviation Administration Regulations and was found to be in an airworthy condition with respect to the work accomplished only. Pertinent details of the repair are on file at this agency under Work Order 6008				
	John Neal CHIEF INSPECTOR <div style="background-color: black; width: 50px; height: 20px; display: inline-block;"></div>					
	Yuba-Sutter Aviation, Inc., Marysville, Ca.					
	 <div style="background-color: black; width: 200px; height: 20px; display: inline-block;"></div> FAA CSR YUUR476B					
	01/03/2014	Hobbs: 2520.1 TT: 4016. I certify that this Engine has been inspected in accordance with a 100-hour inspection and was determined to be in an airworthy condition.				
	John Neal CHIEF INSPECTOR <div style="background-color: black; width: 50px; height: 20px; display: inline-block;"></div>					
					Corrected Copy	

Figure 21 - Overhauled Engine Installation

ENGINE MODEL:
10-550-B-AP
ENGINE S/N: 820258-R
REG. NO: 364RM
WORK ORDER: 14597

 **Mangon Aircraft, Inc.**
Petaluma, CA 94954-3908
Phone: [REDACTED]

DATE: 08 August 2014
A/C TSN: 238.6
ENG TT: 24.9
TSMO: 594
HOBBS: 538.6

Engine Entries


Engine ground ran 2/26/14. When engine started up was very rough. Taxied to run up pad on the way cylinder number 6 spiked higher than all the rest according to JPI. Engine ran up to 1700 RPM to do a mag check. Left mag was good. Right mag was very rough and cylinder number 6 dropped off line. Back to both mags cylinder number 6 came back on line. Aircraft brought into hanger removed top spark plug for compression check with a base line of 43/80. Compression for number 6 was 0/80. Top spark plugs was very oil fouled. Removed bottom plug and found oil fouled and what looks like pieces of the piston in the plug. Boar scoped the cylinder and found pieces of the piston missing.... Engine removed and picked up by Yuba Sutter Aviation for transport to LyCon Engines for IRAN inspection. Re-installed engine in original location and torqued shock mount bolts to 350 in. lbs. Installed all accessories in their original locations. Routed and rigged engine controls for stop to stop operation. Routed and secured fuel and oil hoses. Secured all wiring. Filled engine with Aeroshell 100W Mineral oil for break-in period. Ground run up performed. No leaks noted. Ops check good.

DATE: 08 August, 2014 SIGNED: [REDACTED]
Michael Tillman, A&P [REDACTED]

Work Order: 14597
Printed by EBis 3 (datamedia.com)

Figure 22 - August 2014 Engine Maintenance

ENGINE MODEL:
10-550-B-AP
ENGINE S/N: 820258-R
REG. NO: 364RM
WORK ORDER: 14975

 **Mangon Aircraft, Inc.**
Petaluma, CA 94954-3908
Phone: [REDACTED]

DATE: 10 April, 2015
A/C TSN: 2561.4
ENG TT: 2317.7
TSMO: 616.8
HOBBS: 2561.4

Engine Entries

Engine completed a 100 Hour inspection for Annual Inspection requirements of FAR 91.409 (a) (1), using Raytheon (Beech) Service Manual 35-590001-9B, Re-Issue 09/29/06, Section B. Powerplant. Oil drained, removed oil filter, interior inspection, no metal contamination. CH48109-1 oil filter and 10 Qts. Phillips 20W50 oil installed. Injection nozzles removed, ultrasonic cleaned, inspected and installed. Fuel injection control screen removed, cleaned, inspected and installed. Fuel system pressure checked no leaks. Compression TCM SB03-3 Differential Pressure Test. Baseline is 41/80, Cylinder 1- 75/80, 2- 72/80, 3- 75/80, 4- 75/80, 5- 75/80, 6- 75/80. Magneto timing checked Continental, MSB94.8A, set and sync'd at 22° BTC, #1. Spark plugs removed, cleaned, gapped, tested, inspected, rotated and installed. Engine was washed and ground operated and was in all limits. See following corrected discrepancies.... Turbocharger controller adjusted down to manifold pressure redline and safetied. Ground ran aircraft. No leaks noted and function check satisfactory.


ENGINE GROUND OPERATED, ALL SYSTEMS CHECKED NORMAL
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF A 100-HOUR INSPECTION FOR AN ANNUAL CERTIFICATION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.


DATE: 10 April, 2015 SIGNED: [REDACTED]
Michael Tillman, [REDACTED]

Work Order: 14975
Printed by EBis 3 (datamedia.com)

Figure 23 - April 2015 100 Hr/Annual

ENGINE MODEL:
IO-550-B-AP
ENGINE S/N: 820258-R
REG. NO: 364RM
WORK ORDER: 15394


Mangon Aircraft, Inc.
Petaluma, CA 94954-3908
Phone: [REDACTED]



DATE: 18 May, 2016
A/C TSN: 2625.8
ENG TT: 2382.1
TSMCH: 681.2
HOBBS: 2625.8

Engine Entries

Engine completed a 100 Hour inspection for Annual Inspection requirements of FAR 91.409 (a) (1), using Beechcraft Service Manual 35-590001-B, Reissue, April, 1970, Rev. 35-590001-B15, Dtd. Aug. 28, 1987, Section B. Powerplant. Oil drained, removed oil filter, interior inspection, no metal contamination. CH48109-1 oil filter and 10 Qts. Phillips XC 20W-50 oil installed. Injection nozzles removed, ultrasonic cleaned, inspected and installed. Fuel injection control screen removed, cleaned, inspected and installed. Fuel system pressure checked no leaks. Compression TCM SB03-3 Differential Pressure Test. Baseline is 41/80, Cylinder 1 - 77/80, 2- 74/80, 3- 77/80, 4- 69/80, 5- 76/80, 6- 76/80. Magneto timing checked Continental, MSB94-8A, set and sync'd at 22 BTC, #1. Spark plugs removed, cleaned, gapped, tested, inspected, rotated and installed. Engine was washed and ground operated and was in all limits. See following corrected discrepancies.

ENGINE GROUND OPERATED, ALL SYSTEMS CHECKED NORMAL.
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF A 100-HOUR INSPECTION FOR AN ANNUAL CERTIFICATION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 18 May, 2016 SIGNED: [REDACTED]
Michael Tillman, A&P [REDACTED]


Work Order: 15394
Printed by EBis 3 (datcomedia.com)


Figure 24 - May 2016 100 Hr/Annual

F. SELECTED PROPELLER MAINTENANCE RECORDS

TOTAL
TIME
IN
SERVICE

PROP MODEL:
PHC-C3YF-1RF
PROP S/N: EE6644B
REG. NO: 364RM
WORK ORDER: 14597


Mangon Aircraft, Inc.
Petaluma, CA 94954-3908
Phone: [REDACTED]



DATE: 08 August, 2014
A/C TSN: 2538.6
PROP TT: 367.3
HOBBS: 2538.6

Prop Entries


Propeller Mn. PHC-C34F-1RF Sn. EE6644B removed for IRAN inspection, reference W/O P5532. Reinstalled propeller with new "O" ring and torqued bolts to 880 In. Lbs. All work completed I/A/W Beechcraft maintenance manual section 61-10-00 subset B dated 07/2009 and Hartzell propeller maintenance manual No. 115N Revision 6 dated 10/2000. No leaks noted. Operational checked satisfactory.

DATE: 08 August, 2014 SIGNED: [REDACTED]
Michael Tillman, A&P [REDACTED]

Work Order: 14597
Printed by EBis 3 (datcomedia.com)

Figure 25 - August 2014 Maintenance

PROP MODEL:
PHC-C3YF-1RF
PROP S/N: EE6644B
REG. NO: 364RM
WORK ORDER: 14975

 **Mangon Aircraft, Inc.**
[Redacted]
Petaluma, CA 94954-3908
Phone: [Redacted]

DATE: 10 April, 2015
A/C TSN: 2561.4
PROP TT: 390.1
HOBBS: 2561.4

Prop Entries

Propeller completed a 100 Hour inspection to complete Annual Inspection requirements of FAR 91.409 (a)(1). using Raytheon (Beech) Service Manual 35-590001-9B Re-Issue 09/29/06. Blades cleaned, inspected, track checked, removed nicks and scratches as required. Blade backs painted flat black epoxy.


PROPELLER GROUND OPERATED, ALL FUNCTIONS CHECKED NORMAL.
I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF A 100-HOUR INSPECTION FOR AN ANNUAL CERTIFICATION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 10 April, 2015 SIGNED: [Redacted]
Michael Tillman, A&P [Redacted]

Work Order: 14975
Printed by EBis 3 (datcomedia.com)

Figure 26 - April 2015 100 Hr/Annual

PROP MODEL:
PHC-C3YF-1RF
PROP S/N: EE6644B
REG. NO: 364RM
WORK ORDER: 15394

 **Mangon Aircraft, Inc.**
[Redacted]
Petaluma, CA 94954-3908
Phone: [Redacted]

DATE: 18 May, 2016
A/C TSN: 2625.8
PROP TT: 454.5
HOBBS: 2625.8

Prop Entries

Propeller completed a 100 Hour inspection to complete Annual Inspection requirements of FAR 91.409 (a)(1). using Beechcraft Service Manual 35-590001-B, Reissue, April, 1970, Rev. 35-590001-B15, Dtd. Aug. 28, 1987. Blades cleaned, inspected, track checked, removed nicks and scratches as required. Blade backs painted flat black epoxy.

PROPELLER GROUND OPERATED, ALL FUNCTIONS CHECKED NORMAL.
I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF A 100-HOUR INSPECTION FOR AN ANNUAL CERTIFICATION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 18 May, 2016 SIGNED: [Redacted]
Michael Tillman, A&P [Redacted]

Work Order: 15394
Printed by EBis 3 (datcomedia.com)

Figure 27 - Most Recent 100 Hr/Annual

G. MOST RECENT AVIONICS UPGRADE RECORDS

		MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)		Form Approved OMB No. 2120-0020 11/30/2007	Electronic Tracking Number
For FAA Use Only					
INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))					
1. Aircraft	Nationality and Registration Mark USA N364RM		Serial No. E-2957		
	Make BEECH		Model A36	Series	
2. Owner	Name (As shown on registration certificate) ACCRETION LLC.		Address (As shown on registration certificate) PORTLAND, OR 97219		
	3. For FAA Use Only				
4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME		(As described in Item 1 above)	
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		
6. Conformity Statement					
A. Agency's Name and Address			B. Kind of Agency		
Airtronics Martell, CA 95642-9521 USA			U. S. Certified Mechanic Foreign Certified Mechanic <input checked="" type="checkbox"/> Certified Repair Station Certified Maintenance Organization		
			Manufacturer C. Certificate No. RS# TH3R867L R1, R2, R3, LIMITED INST		
D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U. S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.					
Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>		Signature/Date of Authorized Individual		JAMES D LEWIS 20-October-2016	
7. Approval for Return to Service					
Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Rejected					
	FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport	
BY	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Inspection Authorization	Other (Specify)	
Certificate or Designation No. 		Signature/Date of Authorized Individual		JAMES D LEWIS 20-October-2016	

Figure 28 - FAA Form

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

USA N364RM

Oct-20-2016

Nationality and Registration Mark

Date

REMOVED:

GNS430 #1 NAV/COM/GPS, GNS530 GPS/NAV/COM.

INSTALLED:

1) A GARMIN GTN750, COM/NAV/WAAS (AS NAV/COM#1) AT STA# 53, (IAW) IN ACCORDANCE WITH STC SA02019SE-D AND APPROVED (IM) INSTALLATION MANUAL, DOCUMENT #190-01007-A3 REV5 APRIL 2013. THE GTN750 IS INTEGRATED WITH INSTALLATIONS 2 AND 3 LISTED HEREIN, EXISTING KCS55 SYSTEM, GDL69A XM WX RECEIVER, AND AUTOPILOT IAW THE APPROVED INSTALLATION MANUAL(S). THE GTN UTILIZES THE EXISTING GA35 WAAS ANTENNA IAW IM.

2) GARMIN GTN650 AS #2 COM/NAV/GPS (CROSS SIDE NAVIGATOR) IAW STC SA02019SE-D. THE GTN650 IS INTERFACED WITH EXISTING GI106A CDI, GDL69A XM WX RECEIVER, AND INSTALLATION ITEM 1 AND 3 LISTED HEREIN. THE GTN UTILIZES EXISTING GA35 WAAS ANTENNA IAW IM.

THE GTN UNITS 1 AND 2 ARE MOUNTED IN THE AVIONICS PANEL USING THE BEECH FACTORY MOUNTS FOR AVIONICS AT STA#53, AND IS LOCATED IN THE PILOTS PANEL IN THE FIELD OF VIEW REQUIREMENTS AS LISTED IN THE APPROVED INSTALLATION MANUAL.

THE FAA AFMS DOC # 190-01007-A2 REV3 AND ICA DOC #190-01007-A1 REV6, THE ICA DOCUMENT #190-01007-A1 4 Dec 2012, GTN PILOT'S GUIDE (190-01004-03) Rev. B, Mar, 2011, PILOT'S QUICK REFERENCE GUIDE (190-01004-04) Rev. C, Mar, 2011 HAVE BEEN PROVIDED, AND ARE REQUIRED WITH THIS INSTALLATION.

3) GARMIN GTX345R (REMOTE) TRANSPONDER / ADSB TRANSCEIVER IAW (IN ACCORDANCE WITH) STC SA01714WI, THE GTX345 IS INTERFACED WITH NEW ACK30 ENCODER, EXISTING AUDIO PANEL, AND GTN NAVIGATORS UNIT DESCRIBED ABOVE IAW THE MANUFACTURER'S ACCEPTED INSTALLATION MANUAL IM.

THE GTX345R IS MOUNTED ON THE AFT FACTORY AVIONICS SHELF AT STA #206, AND INTERFACED WITH THE EXISTING WIDE BAND TRANSPONDER ANTENNA. THE ANTENNA WAS FOUND TO MEET THE REQUIREMENTS IN THE IM.

THE SYSTEM WAS GROUND TESTED TESTED IAW REQUIREMENTS OF FAR 91.413, 91.227, AND FOUND TO MEET THE REQUIREMENTS OF APPLICABLE PORTIONS OF PART 43 AND 14 CFR 91.227.

THE FAA AFMS DOC # 190-00734-15, REV2 MARCH 2016, ICA DOC #190-00734-11 REV3 MARCH 2016, AND PILOTS GUIDE DOC# 190-01499-00 REV A MARCH 2016, HAVE BEEN PROVIDED, AND ARE REQUIRED WITH THIS INSTALLATION.

THE ABOVE INSTALLATION(S) HAVE BEEN GROUND AND FLIGHT TESTED TO VERIFY PROPER OPERATION IAW THE APPROVED INSTALLATION MANUALS, AND NO INTERFERENCE EXISTS WITH ANY INSTALLED SYSTEMS OR EQUIPMENT.

AN ELECTRICAL LOAD ANALYSIS IAW AC43.13-1B chp 11, SEC 3 HAS BEEN PERFORMED FOR THE DESCRIBED INSTALLATIONS.

DURING REQUIRED INSPECTIONS, INSPECT THESE INSTALLATIONS IAW 14 CFR PART 43, APPENDIX D, PARA (b)(2),(c)(1),(7) AND (i)(1) THROUGH (4).

A REVISED AIRCRAFT AIRCRAFT WEIGHT AND BALANCE REPORT HAS BEEN PROVIDED.

NOTHING FOLLOWS

☐ ADDITIONAL SHEETS ARE ATTACHED

Figure 29 - FAA Form 337 Back